Kansas

Science and Engineering Profile

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 1999[1]	3,700	518,670	34	Total R&D performance, 1999 (millions)	$1,556	$231,832	29
Doctoral engineers, 1999[1]	520	107,100	37	Industry R&D, 1999 (millions)	$1,284	$177,171	26
S&E doctorates awarded, 2000[1]	245	25,979	30	Academic R&D, 1999 (millions)	$233	$27,038	31
of which, in life sciences	24%	26%		of which, in life sciences	60%	57%	
in psychology	22%	14%		in engineering	16%	15%	
in physical sciences	18%	13%		in physical sciences	9%	9%	
S&E postdoctorates, 2000[1]				Public higher education current-fund			
in doctorate-granting institutions	256	41,548	30	expenditures, 1997 (millions)	$1,596	$125,236	29
S&E graduate students, 2000[1]				Number of SBIR awards, 1995-2000	73	26,424	33
in doctorate-granting institutions	6,328	435,612	23	Patents issued to state residents, 2000	391	85,068	34
Population, 2000 (thousands)	2,688	285,231	33	Gross state product, 1999 (billions)	$81	$9,369	31
Civilian labor force, 2000 (thousands)	1,411	142,172	31	of which, agriculture	3%	1%	
				manufacturing, mining, construction	23%	22%	
Personal income per capita, 2000	$27,408	$29,451	29	transportation, communication, utilities	12%	8%	
				wholesale and retail trade	18%	16%	
Federal spending				finance, insurance, real estate	13%	19%	
Total expenditures, 2000 (millions)	$14,260	$1,615,468	35	services	17%	21%	
R&D obligations, 1999 (millions)	$192	$73,718	39	government	13%	12%	

NOTE: Rankings and totals are based on data for the 50 States, District of Columbia, and Puerto Rico. Reliability of the estimates of industry R&D and of doctoral scientists and engineers varies by State, because the sample allocation was not based on geography. The rankings do not take into account the margin of error of estimates from sample surveys.

[1]Data on graduate students, doctoral scientists and engineers, and postdoctorates include all graduate degree (except M.D.) candidates and recipients in S&E fields, including health fields. Data on S&E doctorates awarded do not include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1999

Agency	Total	Performer: Federal Intramural	Performer: All FFRDCs	Performer: Industrial firms	Performer: Universities & colleges	Performer: Other nonprofits	Performer: State & local government	State rank, total
	[In thousands of dollars]							
Total, all agencies	191,603	35,743	0	68,276	82,240	1,334	4,010	39
Department of Agriculture	16,650	8,985	0	0	7,665	0	0	35
Department of Commerce	524	92	0	0	7	425	0	42
Department of Defense	55,646	17,589	0	32,371	5,686	0	0	33
Department of Energy	4,405	0	0	75	4,330	0	0	37
Dept. of Health & Human Services	80,015	649	0	34,913	42,401	711	1,341	30
Department of the Interior	8,587	8,428	0	14	95	0	50	26
Department of Transportation	2,647	0	0	50	151	0	2,446	39
Environmental Protection Agency	2,542	0	0	0	2,244	125	173	28
National Aeronautics and Space Admin	5,111	0	0	853	4,185	73	0	38
National Science Foundation	15,476	0	0	0	15,476	0	0	33
State rank, total	39	39	na	30	33	47	29	na

NOTE: Federal R&D obligations are as reported by funding agencies. Ranks and totals are based on data for the 50 States, District of Columbia, and Puerto Rico.

KEY: FFRDC = federally funded research and development center; SBIR = small business innovation research; na = not applicable.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources -- see the section, "Data Sources for Science and Engineering (S&E) State Profiles".